

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/249,182DATE: 06/16/94  
TIME: 11:23:24

INPUT SET: S3070.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## 1 SEQUENCE LISTING

2  
3 (1) General Information:4  
5 (i) APPLICANT: STRACKE, MARY; LIOTTA, LANCE;  
6 SCHIFFMANN, ELLIOTT; KRUTZSCH,  
7 HENRY8  
9 (ii) TITLE OF INVENTION: MOTILITY STIMULATING  
10 PROTEIN USEFUL IN CANCER DIAGNOSIS AND  
11 THERAPY12  
13 (iii) NUMBER OF SEQUENCES: 5414  
15 (iv) CORRESPONDENCE ADDRESS:16 (A) ADDRESSEE: MORGAN & FINNEGAN  
17 (B) STREET: 345 PARK AVENUE  
18 (C) CITY: NEW YORK  
19 (D) STATE: NEW YORK  
20 (E) COUNTRY: U.S.A.  
21 (F) ZIP: 1015422  
23 (v) COMPUTER READABLE FORM:24 (A) MEDIUM TYPE: Floppy Disk  
25 (B) COMPUTER: IBM PC compatible  
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
27 (D) SOFTWARE: WordPerfect 5.128  
29 (vi) CURRENT APPLICATION DATA:30 (A) APPLICATION NUMBER:  
31 (B) FILING DATE: 25-MAY-1994  
32 (C) CLASSIFICATION:33  
34 (vii) PRIOR APPLICATION DATA35 (A) APPLICATION NUMBER: 07/822,043  
36 (B) FILING DATE: 17-JAN-199237  
38 (viii) ATTORNEY/AGENT INFORMATION:39 (A) NAME: DOROTHY R. AUTH  
40 (B) REGISTRATION NUMBER: 36,434  
41 (C) DOCKET NUMBER: 2026-4149US142  
43 (ix) TELECOMMUNICATION INFORMATION:44 (A) TELEPHONE: (212) 758-4800  
45 (B) TELEFAX: (212) 751-6849  
46

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Reference/Docket Number:

RAW SEQUENCE LISTING  
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TIME: 11:23:29

INPUT SET: S3070.raw

47  
48 (2) INFORMATION FOR SEQ ID NO:1:  
49  
50 (i) SEQUENCE CHARACTERISTICS:  
51 (A) LENGTH: 5  
52 (B) TYPE: amino acid  
53  
54  
55  
56  
57  
58  
59  
60 (D) TOPOLOGY: linear  
61  
62  
63 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
64  
65 Trp His Val Ala Arg  
66 1 5  
67  
68 (2) INFORMATION FOR SEQ ID NO:2:  
69  
70 (i) SEQUENCE CHARACTERISTICS:  
71 (A) LENGTH: 6  
72 (B) TYPE: amino acid  
73 (D) TOPOLOGY: linear  
74  
75  
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
77  
78 Pro Leu Asp Val Tyr Lys  
79 1 5  
80  
81 (2) INFORMATION FOR SEQ ID NO:3:  
82  
83 (i) SEQUENCE CHARACTERISTICS:  
84 (A) LENGTH: 5  
85 (B) TYPE: amino acid  
86 (D) TOPOLOGY: linear  
87  
88  
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
90  
91 Tyr Pro Ala Phe Lys  
92 1 5  
93  
94 (2) INFORMATION FOR SEQ ID NO:4:  
95  
96 (i) SEQUENCE CHARACTERISTICS:  
97 (A) LENGTH: 5 amino acids  
98 (B) TYPE: amino acid  
99 (D) TOPOLOGY: linear

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100  
101  
102 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
103

104 Gln Ala Glu Val Ser  
105 1 5  
106

107 (2) INFORMATION FOR SEQ ID NO:5:  
108

109 (i) SEQUENCE CHARACTERISTICS:  
110 (A) LENGTH: 10  
111 (B) TYPE: amino acid  
112  
113  
114  
115  
116  
117

118  
119 (D) TOPOLOGY: linear  
120  
121

122 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
123

124 Pro Glu Glu Val Thr Arg Pro Asn Tyr Leu  
125 1 5 10  
126

127 (2) INFORMATION FOR SEQ ID NO:6:  
128

129 (i) SEQUENCE CHARACTERISTICS:  
130 (A) LENGTH: 9  
131 (B) TYPE: amino acid  
132 (D) TOPOLOGY: linear  
133

134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
135

136 Tyr Asp Val Pro Trp Asn Glu Thr Ile  
137 1 5  
138

139 (2) INFORMATION FOR SEQ ID NO:7:  
140

141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 10  
143 (B) TYPE: amino acid  
144 (D) TOPOLOGY: linear  
145  
146

147 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
148

149 Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr  
150 1 5 10  
151

152 (2) INFORMATION FOR SEQ ID NO:8:

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153  
154 (i) SEQUENCE CHARACTERISTICS:  
155 (A) LENGTH: 11  
156 (B) TYPE: amino acid  
157 (D) TOPOLOGY: linear  
158  
159  
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
161  
162 Gly Gly Gln Pro Leu Trp Ile Thr Ala Thr Lys  
163 1 5 10  
164  
165 (2) INFORMATION FOR SEQ ID NO:9:  
166  
167 (i) SEQUENCE CHARACTERISTICS:  
168 (A) LENGTH: 16  
169 (B) TYPE: amino acid  
170 (D) TOPOLOGY: linear  
171  
172  
173  
174  
175  
176  
177  
178  
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
180  
181 Val Asn Ser Met Gln Thr Val Phe Val Gly Tyr Gly  
182 1 5 10  
183  
184 Pro Thr Phe Lys  
185 15  
186  
187 (2) INFORMATION FOR SEQ ID NO:10:  
188  
189 (i) SEQUENCE CHARACTERISTICS:  
190 (A) LENGTH: 12  
191 (B) TYPE: amino acid  
192 (D) TOPOLOGY: linear  
193  
194  
195 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
196  
197 Asp Ile Glu His Leu Thr Ser Leu Asp Phe Phe Arg  
198 1 5 10  
199  
200 (2) INFORMATION FOR SEQ ID NO:11:  
201  
202 (i) SEQUENCE CHARACTERISTICS:  
203 (A) LENGTH: 23  
204 (B) TYPE: amino acid  
205 (D) TOPOLOGY: linear

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207

208

209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

210

211 Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val Asp

212 1 5 10

213

214 Asp Ile Thr Leu Val Pro Glu Thr Leu Gly Arg

215 15 20

216

217

218 (2) INFORMATION FOR SEQ ID NO:12:

219

220 (i) SEQUENCE CHARACTERISTICS:

221 (A) LENGTH: 18

222 (B) TYPE: nucleic acid

223 (C) STRANDEDNESS: single

224 (D) TOPOLOGY: linear

225

226

227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

228

229 GTTGGCAGCN ACRTGCCA

18

230

231

232

233

234

235

236

237

238 (2) INFORMATION FOR SEQ ID NO:13:

239

240 (i) SEQUENCE CHARACTERISTICS:

241 (A) LENGTH: 18

242 (B) TYPE: nucleic acid

243 (C) STRANDEDNESS: single

244 (D) TOPOLOGY: linear

245

246

247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

248

249 TGGCAYGTNG CTGCCAAC

18

250

251 (2) INFORMATION FOR SEQ ID NO:14:

252

253 (i) SEQUENCE CHARACTERISTICS:

254 (A) LENGTH: 15

255 (B) TYPE: nucleic acid

256 (C) STRANDEDNESS: single

257 (D) TOPOLOGY: linear

258

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/249,182**

DATE: 06/16/94  
TIME: 11:23:51

*INPUT SET: S3070.raw*

Line	Error	Original Text
41	Unknown or Misplaced Identifier	(C) DOCKET NUMBER: 2026-4149US1